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Serial No.: 10/010,756

IN THE CLAIMS

1. (Currently Amended) A method for establishing a packet data communication connection in a communication network between a first user equipment (~~UE-A~~) and a second user equipment, (~~UE-B~~), said communication network comprising at least two access networks (~~RAN-A, RAN-B~~) for establishing a data path between the communication network and the respective user equipment, (~~UE-A, UE-B~~), said first user equipment (~~UE-A~~) being connected with one of said at least two access networks, (~~RAN-A~~) and said second user equipment (~~UE-B~~) being connected with the other one of said access networks, (~~RAN-B~~),
- at least two serving nodes (~~SGSN-A, SGSN-B~~) for controlling a respective different one of said access networks, and (~~RAN-A, RAN-B~~), and
- at least one database (200) for storing information used for a communication connection in said communication network and connected with said at least two serving nodes,
- said method comprising the steps of:
- requesting (~~S2~~) a communication connection to the second user equipment (~~UE-B~~) by the first user equipment (~~UE-A~~) to the respective serving node, (~~SGSN-A~~), such a request including a specific fixed information element for an identification of the second user equipment, (~~UE-B~~),
- determining (~~S3~~) in said database (200) on the basis of said specific fixed information element identifying the second user equipment (~~UE-B~~) a location of said second user equipment (~~UE-B~~) within the communication network at the respective other serving node, (~~SGSN-B~~),
- deciding, (~~S5, S6~~), whether said second user equipment (~~UE-B~~) is reachable or accepts the communication connection or not, and if the decision is positive,
- establishing (~~S7~~) the communication connection between the first and the second user equipment (~~UE-A, UE-B~~) via a direct connection between said serving nodes (~~SGSN-A, SGSN-B~~) adapted to perform a packet data communication.

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2. (Currently Amended) A method according to claim 1, further comprising the step of
canceling ~~(S8, S11)~~ the packet data communication connection when either the first user equipment ~~(UE-A)~~ or the second user equipment ~~(UE-B)~~ deactivates the connection.
3. (Currently Amended) A method according to claim 1, further comprising the steps of,
if the decision in the deciding step ~~(S6)~~ is negative,
indicating ~~(S9)~~ an error message including an appropriate value to the first user equipment, ~~and (UE-A), and~~
canceling ~~(S10, S11)~~ the data path.
4. (Currently Amended) A method according to claim 1, wherein said specific fixed information element used for the identification of said second user equipment ~~(UE-B)~~ is an E.164 address of said second user equipment, ~~equipment (UE-B)~~.
5. (Currently Amended) A method according to claim 1, wherein the communication connection established in said establishing step ~~(S7)~~ is routed via another network element if a handover is performed for at least one of the user equipments, ~~equipments (UE-A, UE-B)~~.
6. (Currently Amended) A device for performing a packet data communication in a communication network between a first user equipment ~~(UE-A)~~ and a second user equipment, ~~equipment (UE-B)~~, said communication network comprising
at least two access networks ~~(RAN-A, RAN-B)~~ for establishing a data path between the communication network and the respective user equipment, ~~equipment (UE-A, UE-B)~~, said first user equipment ~~(UE-A)~~ being connected with one of said at least two access networks ~~(RAN-A)~~ and said second user equipment ~~(UE-B)~~ being connected with the other one of said access networks, ~~networks (RAN-B)~~, at least two serving nodes, ~~(SGSN-A, SGSN-B)~~ for controlling a respective different one of said access networks, ~~networks (RAN-A, RAN-B)~~, and

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at least one database (200) for storing information used for a communication connection in said communication network and connected with said at least two serving nodes,

said device (100) comprising

detection means (110) for detecting a request for a communication connection to the second user equipment (UE-B) by the first user ~~equipment, equipment (UE-A)~~, such a request including a specific fixed information element for an identification of the second user ~~equipment, equipment (UE-B)~~,

requesting/obtaining means (120) for requesting and obtaining a location of said second user equipment (UE-B) within the communication network at the respective other serving node (SGSN-B) from said database (200) on the basis of said specific fixed information element identifying the second user ~~equipment, equipment (UE-B)~~,

connection requesting means (130) for requesting a connection from said second user equipment (UE-B) and for deciding, whether said second user equipment (UE-B) is reachable or accepts the communication connection or not, and

connection establishing/canceling means (140) for establishing the communication connection between the first and the second user equipment (UE A, UE-B) via a direct connection between said serving nodes (SGSN-A, SGSN-B) adapted to perform a packet data communication.

7. (Currently Amended) A device according to claim 6, wherein said connection establishing/canceling means (140) is adapted to cancel the packet data communication connection when either the first user equipment (UE-A) or the second user equipment (UE-B) deactivates the connection.

8. (Currently Amended) A device according to claim 6, wherein, if the decision by said connection requesting means (130) is negative, said connection establishing/canceling means (140) is adapted to

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indicate an error message including an appropriate value to the first user
equipment, and equipment (UE A), and
cancel the data path.

9. (Currently Amended) A device according to claim 6, wherein said specific fixed
information element used for the identification of the second user equipment (~~UE~~
~~B~~) is an E.164 address of said second user equipment, equipment (UE B).

10. (Currently Amended) A device according to claim 6, wherein the
communication connection established by said connection establishing/canceling
means (~~140~~) is routed via another network element if a handover is performed for
at least one of the user equipments, equipments (UE A, UE B).